



Integrated 4 in 1 Compressor

Product Name: Integrated Air Compressor, 4in1 Air Compressor, All In One Screw Air Compressor

Gas Type: Air

Power: 5.5-22Kw

Horsepower: 7.5-30hp

Driven method: Direct driven

Configuration: Stationary

Lubrication Style: Lubricated

Air outlet diameter: DN25

Weight: 370-550kg

Warranty: 2 years

Certification: CE/ASME/ISO

Color: Optional and customization

Local Service Location: Philippines, Mexico, Russia

Why choose A 4-IN-1 air compressor?

- (1) Welcome to a sleek design! With fewer components and connectors, there's a reduced likelihood of malfunctions and leaks—providing you with pure, dry compressed air that enhances the efficiency of your terminal gas while simultaneously minimizing installation costs and conserving valuable space.

(2) This innovative modular design is ready to perform right out of the box, combining compactness with functionality.

(3) Following extensive testing, this unit demonstrates vibration levels significantly below international standards—ensuring a smooth operational experience.

(4) Our thoughtfully engineered pipeline design has minimized both length and connections, resulting in fewer leaks and reduced internal complications.

(5) Featuring a high-quality freeze dryer and an efficient rotary refrigeration compressor, this robust unit guarantees reliable performance, even under high-temperature conditions!

1. Screw Air Compressor:

◆ Motor

Implement a high-efficiency, energy-saving IE4 motor to enhance performance.

◆ Air End

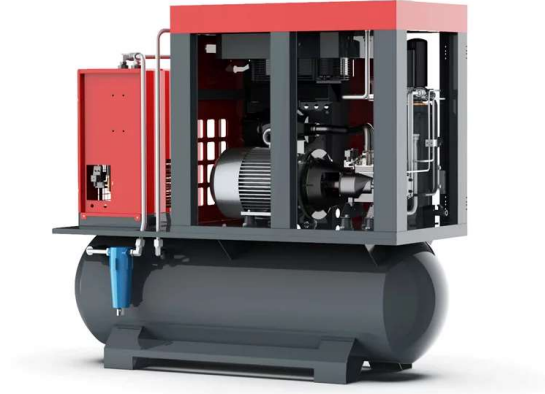
Utilize a new two-stage rotor made from 20CrMrTi alloy steel, featuring a 5:6 tooth rotor profile, which provides increased strength and improved energy efficiency. Additionally, the innovative bearing structure incorporates copper bearings, significantly extending the service life of the machine.

◆ Oil and Gas Tanks

The oil and gas separation tank is designed with an external oil separation core, facilitating easy maintenance.

◆ Oil Separator

The oil separation core utilizes the MAN brand, resulting in superior oil and gas separation efficiency.



2. Refrigerated Air Dryers:

High-Quality Compressed Air for Your Equipment and Processes

The aluminium plate-fin series of refrigerated dryers guarantees the delivery of dry compressed air, thereby extending the lifespan of your equipment and ensuring superior production quality. Efficient moisture removal mitigates corrosion within the compressed air network and air tools, ultimately reducing maintenance costs and enhancing overall production efficiency with complete peace of mind.



◆ **Exceptional Performance**

- High-efficiency plate-fin heat exchanger
- Low relative humidity of outlet air
- Professional-grade moisture removal function
- Dew point range of 2-10°C

◆ **Energy Efficiency and Carbon Reduction**

- Achieves a 50% reduction in energy consumption compared to traditional shell and tube dryers
- Features an optimized refrigeration system

3. Precision Filter:

Test compressed air quality according to ISO 8573.

◆ **Residual Oil Measurement – OIL-Check 400**

The OIL-Check 400 provides continuous and precise measurement of residual oil content in steam, ranging from 0.001 mg/m³ to 2.5 mg/m³. It enables monitoring of Class 1 compressed air quality with a low detection limit of 0.001 mg/m³ in accordance with ISO 8573 standards.

◆ **Particle Counter – PC 400**

The high-precision optical particle counter, PC 400, is capable of detecting particles as small as 0.1 micrometers. This makes it an ideal tool for assessing compressed air quality at Level 1, in compliance with ISO 8573.

◆ Residual Humidity – Dew Point Sensor FA 510

The FA 510 dew point sensor measures pressure dew points as low as -80°C. Its continuous monitoring capability ensures immediate alarm activation in the event of a compressed air dryer failure.



4. Technical Parameters:

Model	Power		Pressure	Capacity		Weight	Dimensions (mm)		
	kw	hp	bar	m ³ /min	cfm	Kg	Length	Width	Height
SLTI-7.5V	7.5	10	8	1.10	38.8	370	1550	710	1410
	7.5	10	16	0.70	24.7	370	1550	710	1410
SLTI-11V	11	15	16	0.96	34.0	550	1780	740	1570
	11	15	20	0.70	24.7	550	1780	740	1570
SLTI-15V	15	20	16	1.46	51.5	550	1780	740	1570
	15	20	20	1.01	35.6	550	1780	740	1570
SLTI-22V	22	30	16	2.16	76.3	900	2200	1030	1830
	22	30	20	1.57	55.5	900	2200	1030	1830